

# **APPENDIX A**

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## **BACKGROUND INFORMATION FOR ABANDONED WELLS AND CLUSTERS**

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Southern California Gas (SCG) maintained ownership of lots in Playa del Rey and Marina del Rey associated with wells utilized as oil production wells and those converted for gas storage operations. In order to operate and maintain such wells, sufficient land around each well was required to support the transport and operation of heavy equipment used in well servicing. There are 12 abandoned SCG wells located on the proposed project lots (see Table 1). Each cluster (two to four lots per cluster) of lots contains one well. Cluster 1 contains only a single well located on a single lot. Cluster 8 has two wells, each associated with either the 4 north lots or the 4 south lots.

### **DESCRIPTION OF ABANDONED WELLS**

#### **Joyce, Samarkand, 23-1, 29-1, and 29-2**

These wells were part of the fluid system that removed underground saltwater that would otherwise fill the porous rock in the Storage Zone. The wells were abandoned because they did not produce significant amounts of water, and the cost to operate them exceeded the benefit.

#### **Anglo, American Champ No. 1, and O&M 1**

These wells were drilled in 1935 and abandoned in 1937 and 1936 respectively, because they were not producing oil in economically viable amounts. SCG did not operate these wells. However, SCG re-abandoned these wells in 1958 to bring their abandonment quality up to existing California Division of Oil, Gas and Geothermal Resources (DOGGR) standards. These wells were never involved in storage operations.

#### **Hisey 1, Lormar 1, Merrill, and 13-1**

These wells were located in a smaller, separate reservoir (in the same formation as the main area) that was not providing useable storage capacity. This reservoir became saturated with water in the 1970s and has not been used since then.

#### **Troxel (MDR)**

This observation well was located in a different reservoir and thus was not providing any value in the storage field.

## DESCRIPTION OF CLUSTERS/LOTS

### **Cluster 1 - Lot 6 on the Corner of 81st Street and Berger Place (Figure I-1)**

This lot is located at the northeast corner of 81st Street and Berger Place. Single-family homes border the project site on the north and east, and are located across 81st Street and Berger Place. The site is level, covered with grass, and has a brick divider wall of approximately four feet on two sides.

### **Cluster 2 - Lots 3, 4 on 82nd Street (Figure I-2)**

This group of adjoining lots is located along the north side of 82nd Street. The lots are surrounded by single-family homes and are unfenced. The site is mostly level and contains vegetation, including trees and grass.

### **Cluster 3 - Lots 14-16 on 83rd Street (Figure I-3)**

This group of adjoining lots is located at the corner of 83rd Street and Saran Drive. The lots are surrounded by single-family homes. There is a wooden fence with a brick base that borders one edge of the cluster. The site is level and contains vegetation, including mature trees and grass.

### **Cluster 4 - Lots 6, 7 on 85th Street (Figure I-4)**

This group of adjoining lots is located along 85th Street and is surrounded by single-family homes. The site is mostly level, with mature vegetation, including trees, shrubs and grass. The site is unfenced.

### **Cluster 5 - Lot 11 on Saran Drive (Figure I-5)**

This single lot is located along Saran Drive, south of Manchester Avenue. The lot is bordered on the west by Saran Drive, and on the east and north by commercial shops and offices. An apartment complex is located south of the lot, across an alley. The lot is unfenced and contains mature trees, with shrubs and grass. Dirt trails and utility poles traverse the site.

### **Clusters 6 and 7 - Lots 14-18 on 83rd Street (Figure I-6) and Lots 28-30 on Manchester Avenue (Figure I-7)**

This group of adjoining lots is bordered on the north by 83rd Street and by Manchester Avenue. Single-family and apartment homes border the site on the east and west. The lots are unfenced and mounds of dirt are located throughout the site. The lots contain mature vegetation, including trees, shrubs, and grass. Dirt trails traverse through the site.

### **Cluster 8 - Lots 17-20 on 79th Street and Lots 82-85 on 83rd Street (Figure I-8)**

This group of adjoining lots is bordered on the north by 79th Street and on the south by 83rd Street. The lots are bordered by residential development on the east and one home is located at the corner of Gulana Avenue and 83rd Street and is surrounded on two sides by the undeveloped lots. The lots are unfenced and contain mature vegetation, including trees, shrubs, and grass. Dirt trails traverse the site.

**Cluster 9 - Lots 5, 6, 7, 8 on 83rd Street (Figure I-9)**

These adjoining lots are surrounded by single-family residential development. The lots are accessed from the northern edge along 83rd Street. Adjacent to the lots on the south are several small apartment complexes. These lots are not fenced and are characterized by mature trees and a small grassy area with a bench.

**Cluster 10 - Lots 5, 6, 7 on Calabara Avenue (Figure I-10)**

These lots are bordered on the north and south by single-family homes. The lots are bordered on the west by Calabara Avenue and on the east by Falmouth Avenue. Steep slopes on Calabara Avenue characterize the lots approximately 25 feet higher than Falmouth Avenue. Surrounding residential homes are built into the slope, with the front entrances on Calabara Avenue and the rear yards along Falmouth Avenue. The lots are not fenced and the site contains a mix of low-growing vegetation on the slope, with some trees and shrubs along the northern and southern boundaries of the site.

**Cluster 11 - Lots 18, 19 on Calabara Avenue (Figure I-11)**

This group of adjoining lots is bordered on the west by Calabara Avenue and on the east by Falmouth Avenue. The lots are bordered on the north and south by single-family detached homes. Steep slopes, on Calabara Avenue, characterize the lots approximately 35 feet higher than Falmouth Avenue. The site is fenced and contains a retaining wall, which is present on a portion of the site. The site contains a mix of low-growing vegetation, with a few trees and shrubs along the northern and southern boundaries of the site.

**Cluster 12 - Lots on Speedway in Marina del Rey (Figure I-12)**

These two adjoining lots are located north of Union Jack Street and between Speedway Avenue and Venice Beach on the Marina del Rey (MDR) peninsula between the Santa Monica Bay and the channel of MDR. The site is bordered on the north and south by multi-family apartment buildings, on the west by Venice Beach, and on the east by alleyways, lanes, and Speedway Avenue. The lots are fenced and covered with moderately sparse grass and sand.